

**Directions:** Please complete shaded areas below.

**Department Name:** Medical Examiner  
**Project Name:** Special Analysis Software – Laboratory Information Management System (LIMS)  
**Project Amount:** \$ 150,000  
**Preparer Name & Contact Information:** Larry J. Cameron/Telephone: 305-545-2487

**Project Type:** Please check (√) one.

☐ Enterprise ☐ Communities of Interest ☒ Department Specific

**Funding Source:** Please check (√) one.

☒ GF Capital ☐ Proprietary Capital

☐ **Mandated Requirement**  
(If checked (√), please indicate who is mandating this request as well as the time frame)

**Department Priority of Initiative (1, 2, 3, etc.)**

## Section A

### Background:

This is a move toward a Web-based solution as per previous County Manager's Initiative. Project was funded completely before budget reductions in 2003. Initial part of the project is already in use: Administration integration into one system. The LIMS system is the vital second component.

### Problem Statement:

Integration of all the Toxicology laboratory instrumentation will result in a coherent management system. It will reduce the amount of time the Toxicology laboratory personnel spend collating data and increase their actual output of case results for the interested Medical Examiner, police agencies, State Attorney, Public Defender and other agencies for which we provide toxicology services.

### Solution:

Integrate full working, web-based software with the VertiQ application already in place. The software should be able to gather data from the computerized systems already in use by the laboratory and allow for multiple samples for each case. It will also provide an automated, legally-sound, protected chain of custody for Toxicology Laboratory samples and evidence. The protected chain of custody feature is necessary for the Laboratory to achieve accreditation with the American Board of Forensic Toxicology.

### Expected Benefits / Direct Payback:

The benefits will be an improvement in the turn-around time of toxicology results because less time will be spent in collecting data from the instruments and more output from the toxicologist by increasing the number of toxicology reports done in less time.